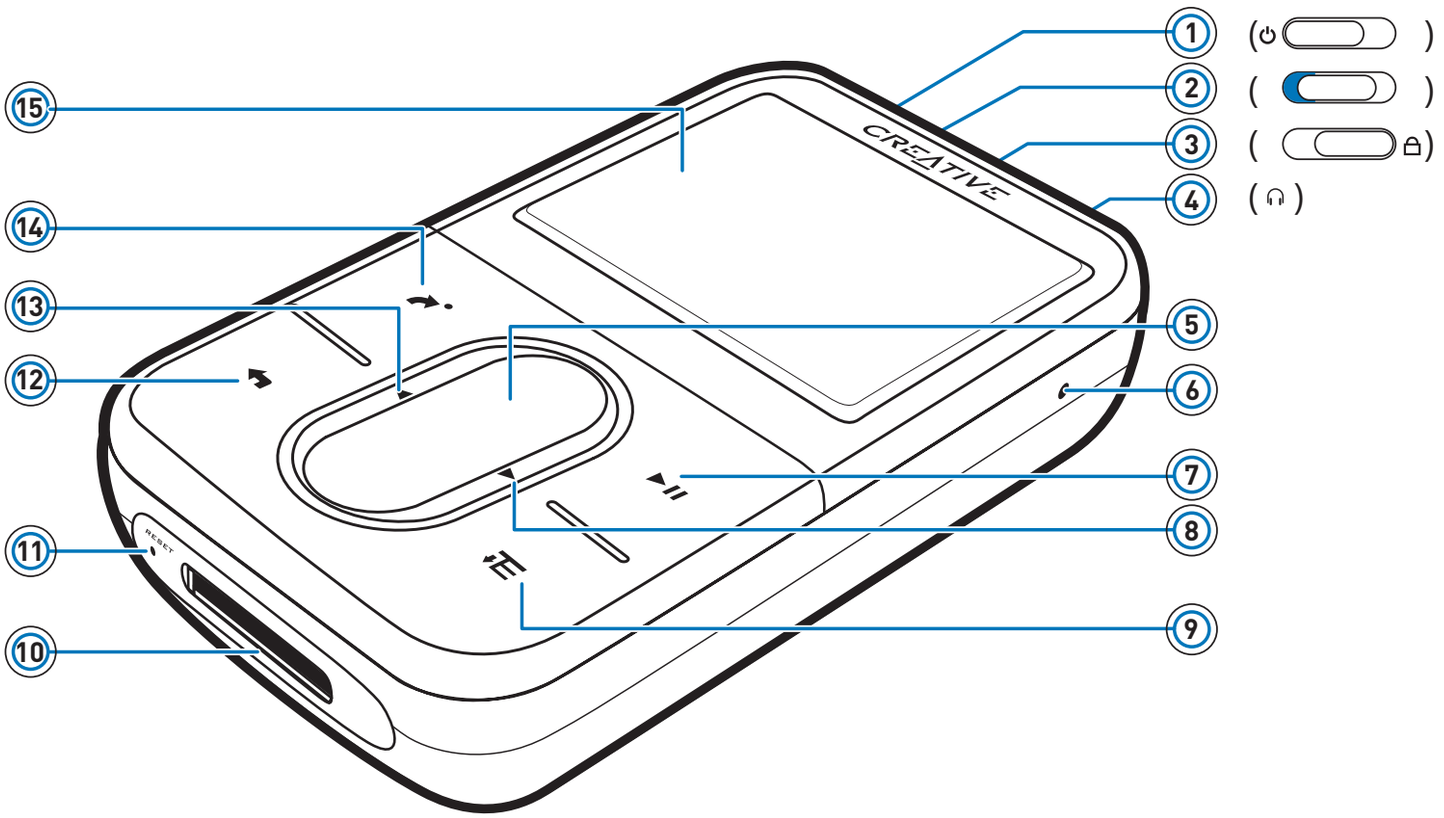
CREATIVE

ZEN

VISION:M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RESET

Congratulations

ZEN Vision:M™ is the new digital player from Creative. Read on to learn how to get started with your new player!

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About Your Player

Unfold the last page of this booklet, and reference the image there against the names and descriptions below.

1 Power switch

2 Power LED

3 Lock

Push toward the Lock icon to lock the player and prevent functions from being accidentally activated.

4 Headphone jack

5 Vertical Touch Pad

See “Using the Navigation Controls” on page 3.

6 Microphone

7 Play/Pause button

8 Next/Fast Forward button

Press to go to the next track or menu option.

Press and hold to move forward within a track.

9 Options button

Press to display more options.

10 Dock connector

Connect the USB synchronization adapter to this connector.

11 Reset hole

See “How do I reset ZEN Vision:M?” on page 25.

12 Menu/Back button

Press to return to the previous screen or menu.

Press and hold to return to the main menu.

13 Previous/Rewind button

Press to go to the previous track or menu option.

Press and hold to move back within a track.

14 My Shortcut button

See “To assign a menu shortcut to My Shortcut button” on page 21.

15 Liquid Crystal Display (LCD)

Using the Navigation Controls

We use the term "Navigation controls" to mean the following:

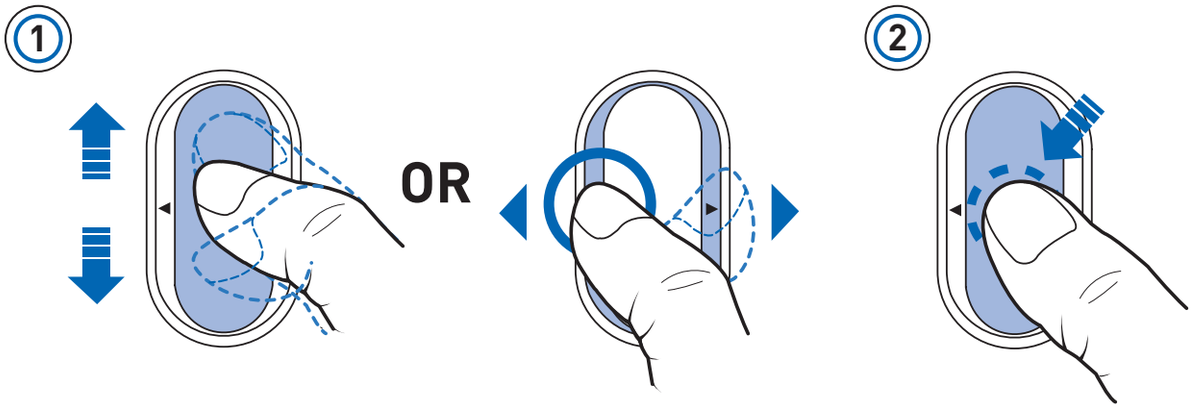
- Vertical Touch Pad
- Previous/Rewind button
- Next/Fast Forward button.

We use the term "Select" to mean the following actions:

1 Move your thumb up and down the Vertical Touch Pad to move vertically in a menu **OR** press the Previous/Rewind or Next/Fast Forward button to move horizontally in a menu.

- Firmly tap the top or bottom edge of the Vertical Touch Pad to move up or down one menu option.
- Press and hold the top or bottom edge of the Vertical Touch Pad to rapidly scroll through menu options.

2 Firmly tap the Vertical Touch Pad to select the highlighted option.



To adjust volume with the Vertical Touch Pad

Depending on the menu you are in, move your thumb up and down the Vertical Touch Pad **OR** press the Options button and select **Volume**.

Getting Started

Step 1: Set Up Software

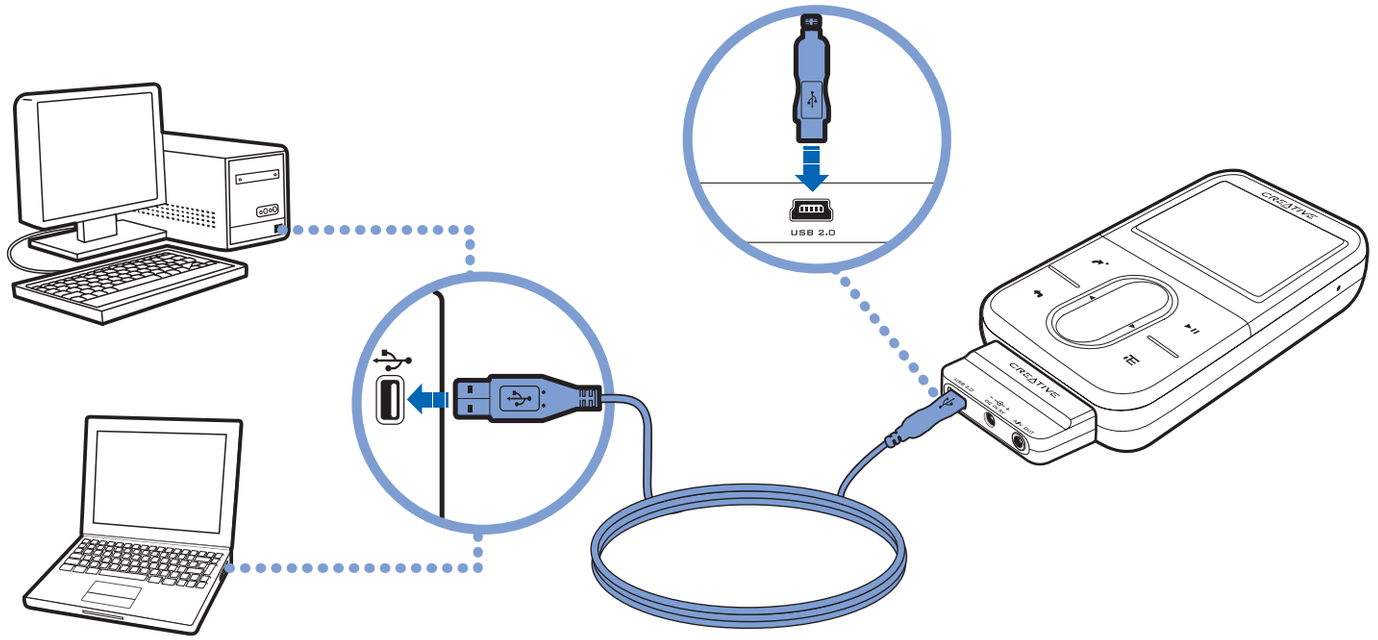
DO NOT connect your player to your computer before setting up the software.

1. Turn on your computer. You must log in as an administrator in Windows® before you can set up the software. For more information, refer to your operating system's online Help.
2. Insert the Installation CD into your CD-ROM/DVD-ROM drive. Your CD should start automatically. If it does not, follow the steps below:
   i. Double-click the **My Computer** icon.
   Alternatively, click **Start** → **My Computer**.
   ii. Right-click the CD-ROM/DVD-ROM drive icon, and then click **Autoplay**.
3. Follow the instructions on the screen and when prompted, restart your computer.
4. When your computer restarts, follow the product registration instructions on the screen.

You will require an Internet connection to register your product.

Step 2: Charge Your Player

1 If you have not done so, connect your player to your computer's USB port with the supplied USB cable. When the battery is charging, the Power LED blinks or the battery charging icon flashes on your player's LCD.



- For continuous battery charging using the USB port, minimize computer usage and make sure your computer is not in power conservation mode. For more information on power conservation modes, refer to your operating system's Help.
- Connect to a computer USB port or a self-powered USB hub; do not connect to a bus powered USB hub.
- For express battery charging without using your computer, purchase the ZEN Vision:M Power Adapter. For more information on this and other ZEN Vision:M accessories, visit **www.creative.com**.

2 Disconnect your player from your computer when the battery is fully charged and you see on your player's LCD. The battery is fully charged in approximately five hours.

Step 3: Turn On Your Player

1 Slide the Power switch towards the Power icon and hold it there until the LCD lights up.

2 When you turn on your player for the first time, the menu is in English. To change the language:

i. Press and hold the Menu/Back button . The main menu appears.

ii. Select **System** → **Language** → language that you want.

3 After you have finished using your player, slide the Power switch towards the Power icon until the **Shutting down** message appears.

Step 4: Transfer Content

Transfer music and other files from your CD collection or computer. For more details, see "Managing Music and Data" on page 10.

You can acquire content from many legal sources. Here are some suggestions:

- Audio tracks - ripped from personal audio CDs, home studio recordings or purchased from online music stores.
- Videos - purchased from online movie stores or digitized home video footage.
- Photos - encoded from your personal digital camera or scanned from printed photos.

To transfer or 'rip' music from your CD collection

1 Make sure your player is connected to your computer as shown on page 5.

2 Double-click the **ZEN Vision:M Media Explorer** icon on the desktop.

3 Click the **Rip Audio CDs** button .

4 Follow the instructions on the screen.

Creative Media Explorer uses MusicID℠ from Gracenote® to get artist, title, track, credits, and other information about the CDs you play. This service is FREE and automatic. You must be connected to the Internet when using this service. For more information, refer to the Creative Audio CD Ripper online Help.

To transfer audio files, videos or pictures from your computer

1 Repeat steps 1 and 2 in "To transfer or 'rip' music from your CD collection".

2 Click the **Browse Media** button .

3 Locate your media files and copy them to your player using the drag-and-drop method.

To transfer data files

1 Repeat steps 1 and 2 in "To transfer or 'rip' music from your CD collection".

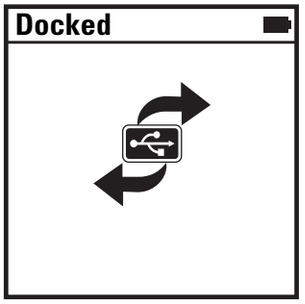
2 Click the **Browse Documents** button .

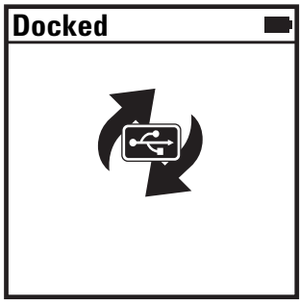
3 Locate your data files and transfer them to your player using the drag-and-drop method. You can also transfer audio files and photos using the **Browse Documents** button .

Make sure files are transferred to the correct folder, for example pictures are transferred to **Media** → **Pictures** and music to **Media** → **Music**.

Step 5: Disconnect Your Player

When you have finished transferring files, disconnect ZEN Vision:M.
DO NOT disconnect your player if you see the left picture below on the display. Track or data file transfer is in progress and disconnecting your player may damage the content being transferred. Wait until you see the right picture below on the display before disconnecting your player.





Step 6: Play Music or View Files

You are now ready to play music that you have ripped, and view files you have transferred!

- At any time, press the Options button for more options.
- Files in your player are sorted alphabetically for quicker searches.

To play music

1. Connect your earphones to the Headphone jack.
2. In the main menu, select **Music Library** → category that you want.
3. Select a track and select **Play**.
4. Move your thumb up and down the Vertical Touch Pad to adjust the volume.

To play videos

In the main menu, select **Videos** → **Video** → video that you want.

To view pictures

1 In the main menu, select **Photos** → **Pictures** → picture that you want.

2 Press the Options button to select rotate and zoom options.
If you select the zoom option, use the Navigation controls to pan horizontally and vertically in four different directions.

Caring For Your Player

Portable players are subject to normal wear and tear, which could include scratches to the screen. To prevent this, take extra care when handling your product and in particular when placing your player in pockets or bags. If you want to maintain your player's original finish, you may wish to invest in an optional case or screen protector, both available for separate purchase at **www.creative.com/shop**.

Managing Music and Data

Creative Media Explorer and Creative MediaSource™ Player/Organizer are included with your player. Try out these applications to decide which one is more suitable for your needs.

Creative Media Explorer

Use Creative Media Explorer if:

- you are new to digital music and want to transfer music from your CDs to your player
- you want to convert, synchronize, and organize audio files
- you prefer to manage your player in the familiar "Windows Explorer" environment.

To start Creative Media Explorer, double-click the **ZEN Vision:M Media Explorer** icon under **My Computer** or on the desktop. For more information about using Creative Media Explorer, refer to its online Help.

Creative MediaSource Player/Organizer

Use the full-featured Creative MediaSource Player/Organizer if:

- you require additional features such as recording, automatic playlist generation, and audio format conversion
- you want to manage a music library on your computer.

To start Creative MediaSource Player/Organizer, double-click the Creative MediaSource Player/Organizer icon on your desktop. Creative MediaSource Player/Organizer has a Home page from which you can access common tasks. For more information about using Creative MediaSource Player/Organizer, refer to its online Help.

Understanding Your Player

Navigate through the different menus to find out what your player can do! These are the main menu options on your player:

Music Library	select to play music and recordings, or to use the DJ function
Photos	select to view pictures
Videos	select to play videos
FM Radio	select to scan for and listen to FM radio stations
Microphone	select to make instant recordings
Extras	select to use additional features including Organizer and Removable Disk
System	select to view and customize your player's settings

Your player's menu interface, features and operations are controlled by your player's firmware. Sometimes, improvements are made to your player's firmware and these firmware upgrades are placed on Creative's web site for you. To check for upgrades, go to **www.creative.com/support/** and click **Downloads**.

Managing Your Player

You are now equipped to use your player's more advanced features! Read on to get the most out of your player.

- "Managing Audio" on page 12
- "Managing Videos" on page 15
- "Managing Pictures" on page 16
- "Managing Recordings" on page 17
- "Managing Data" on page 18
- "Managing Organizer Features" on page 19.

Managing Audio

To create playlists

You can select any combination of tracks you want from your player's **Music Library** to create playlists for convenient playback.

1. To add a track or category of tracks to the **Now Playing** folder:
   i. Select **Music Library** → track or category of tracks that you want.
   ii. Press the Options button, and select **Add to Selected**.
   iii. Repeat steps i) and ii) to add another track or category of tracks.
   iv. Select **Music Library** → **Now Playing**.
2. Press the Options button, and select **Save As Playlist**.
3. Use the Navigation controls to create a name for your playlist and select the check mark to confirm the name.
4. To play a playlist, select **Music Library** → **Playlists** → playlist that you want.

To select tracks with ZEN Vision:M's DJ

In the main menu, select **Music Library** → **DJ** → option that you want:

- **Album of the Day**: plays a randomly selected album
- **Random Play All:** plays all tracks randomly
- **Most Popular**: plays the most played tracks
- **Rarely Heard**: plays rarely played tracks.

To enhance your audio experience

In the main menu, select **System** → **Audio Settings** → option/s that you want:

- **Play Mode**: shuffles, repeats or plays your audio tracks in sequential order
- **Bass Boost**: enhances the bass in your track during playback
- **Smart Volume**: sets playback at a constant volume. You no longer need to adjust the volume when you play different tracks.
- **EQ**: enhances your music depending on its genre or style. You can also customize your own EQ setting. See "To create a customized equalizer setting" on page 23.

To set up FM Radio

1. In the main menu, select **FM Radio**.
2. To automatically scan and save radio stations, press the Options button, and select **Autoscan**.
   At the end of the autoscan, ZEN Vision:M automatically saves all stations as preset channels and tunes in to the first preset.

3 To select a different preset, firmly tap the Vertical Touch Pad to display the list of presets, and then move your thumb up and down the Vertical Touch Pad to select the preset that you want.

Hold down the Next/Fast Forward button ▶ or Previous/Rewind button ◀ for one second to scan for the next available radio station.

Managing Videos

To convert your videos to a format supported by your player, launch Creative Media Explorer and click **Convert Video**. For information about Creative Media Explorer, see "Managing Music and Data" on page 10.

To go forward or backward in a video

1. In the main menu, select **Videos** → **Video** → video that you want.
2. Press the Options button, and select **Seek To**.
3. Use the Navigation controls to go forward or backward in a video.

To delete a video

1. In the main menu, select **Videos** → **Video**, and highlight the video that you want.
2. Press the Options button, and select **Delete Video**.

To display the last viewed video

In the main menu, select **Videos** → **Recently browsed videos**.

To display or hide video folders

See "To display or hide video or picture folders" on page 22.

To set a password when displaying or hiding video folders

See "To set a password when displaying or hiding video or picture folders" on page 22.

Managing Pictures

To view your pictures in a slideshow

1 In the main menu, select **Photos** → **Pictures**.

2 Press the Options button , and select **Start Slideshow**.

3 To customize your own slideshows, launch Creative Media Explorer.

4 To change the slideshow interval duration, select **System** → **Photo/Video Settings**.

To rate and view your favorite pictures

1 In the main menu, select **Photos** → **Pictures** → picture that you want.

2 Press the Options button to select rating and viewing options.

To display or hide picture folders

See “To display or hide video or picture folders” on page 22.

To set a password when displaying or hiding picture folders

See “To set a password when displaying or hiding video or picture folders” on page 22.

Managing Recordings

To record audio

1 In the main menu, select **Microphone**.

2 Press the Options button , and select **Start Recording**.

3 While recording, you can press the Options button to do one of the following:

- **Pause:** pauses the recording
- **Resume:** resumes the paused recording
- **Stop:** stops and saves the recording
- **Split:** starts a new recording.

To record radio broadcasts

1 In the main menu, select **FM Radio**.

2 While listening to a radio broadcast, press the Options button , and select **Record Radio** to start recording.

To listen to recorded audio

In the main menu, select **Music Library** → **Recordings** → recording that you want.

Managing Data

You can use ZEN Vision:M to store backup copies of your computer's data files, or use it to transfer files from one computer to another.

To use ZEN Vision:M as a Removable Disk

1. In the main menu, select **Extras** → **Removable Disk**.
2. Press the Options button, and select the capacity that you want. Alternatively, connect ZEN Vision:M to your computer and use Creative Removable Disk Manager to increase or decrease the amount of hard disk space in Removable Disk mode.

   To start Creative Removable Disk Manager, click **Start** → **Programs or All Programs** → **Creative** → **Creative Removable Disk Manager** → **Creative Removable Disk Manager**.

3. When you see **Removable Disk** on ZEN Vision:M's LCD, you are ready to transfer data files to and from any computer.
4. Connect ZEN Vision:M to your computer. ZEN Vision:M appears as a **Removable Disk** under **My Computer**.
5. Use the drag-and-drop method to copy files to and from ZEN Vision:M.
6. When you have finished copying files, click the **Safely Remove Hardware** icon on the Taskbar, click **Safely remove USB Mass Storage Device**, and disconnect your player when you are prompted to do so.

   To delete all the data files in the Removable Disk hard disk space, press the Options button, and select **Format**. Go to **My Computer** if you want to delete individual data files stored in Removable Disk mode.

Managing Organizer Features

You can use ZEN Vision:M to store and display contacts, calendar events and tasks from Microsoft® Outlook®.

If you do not have Microsoft Outlook installed, you can use Creative Media Explorer to edit your calendar, "to do" tasks and contact information using the Personal Information Manager editor. In Creative Media Explorer, click Manage Organizer Data.

To synchronize with Microsoft Outlook

1. Make sure your player is connected to your computer as shown on page 5.
2. Start Sync Manager. You can start Sync Manager from Creative Media Explorer or Creative MediaSource Player/Organizer. See “Managing Music and Data” on page 10.
3. Select **My Computer** and ZEN Vision:M as the devices you want to synchronize.
4. Select the **Organizer data** check box, and then click the **Next** button.
5. Select the information you want to import from Microsoft Outlook, and then click the **Next** button.
6. Follow the instructions on the screen.
7. Click the **Finish** button.

You can also use Sync Manager to synchronize music, pictures and videos between ZEN Vision:M and your computer.

To view the calendar

1. In the main menu, select **Extras** → **Organizer** → **Calendar**.
2. To go to a specific month, press the Options button , and select the month that you want.
3. Firmly tap the Vertical Touch Pad to view the events and tasks of the selected day.

To view today's tasks

In the main menu, select **Extras** → **Organizer** → **Tasks**.

To view contacts

In the main menu, select **Extras** → **Organizer** → **Contacts**.

Personalizing Your Player

To assign a menu shortcut to My Shortcut button

In the main menu, select **System** → **Player Settings** → **My Shortcut Button** → menu shortcut that you want.

To assign a user name

1. In the main menu, select **System** → **Player Settings** → **Owner**.
2. Use the Navigation controls to create a user name.

To select a picture as wallpaper

1. In the main menu, select **Photos** → **Pictures**.
2. Select the picture that you want.
3. Press the Options button , and select **Set as Wallpaper**.

To configure screen and display settings

In the main menu, select **System** → **Display Settings** → setting that you want:

- **Theme**: specifies your player's display design
- **Backlight Time**: specifies the backlight duration
- **Brightness**: adjusts screen brightness
- **Configure Menu**: adds or removes main menu options.

To configure the Vertical Touch Pad

In the main menu, select **System** → **Player Settings** → **TouchPad** to select sensitivity and clicker options.

To configure power conservation settings

In the main menu, select **System** → **Player Settings** → setting that you want:

- **Idle Shutdown**: specifies how long ZEN Vision:M remains inactive before it automatically shuts down
- **Sleep Timer**: specifies a fixed period of time before ZEN Vision:M automatically turns off.

To configure date and time settings

1. In the main menu, select **Extras** → **Date & Time**.
2. Press the Options button to select date, time and alarm options.
3. To display the clock in the menu bar, select **System** → **Clock Settings** → **Clock in Title**.

To display or hide video or picture folders

1. In the main menu, select **Videos** → **Video** → video folder that you want **OR** select **Photos** → **Pictures** → picture folder that you want.
2. Press the Options button , and select the protect option. You can only protect folders and not individual files.
3. In the main menu, select **System** → **Player Settings** and select whether to show or hide the protected folder.

To set a password when displaying or hiding video or picture folders

1. In the main menu, select **System** → **Player Settings** and select the password option.
2. Use the Navigation controls to create a password.

3 Firmly tap the Vertical Touch Pad and select the check mark ✓ to confirm the password. You will be prompted for this password when you select **System** → **Player Settings** and select whether to show or hide the protected folder.

4 To disable the password feature or change your password, select **System** → **Player Settings** and select the password option.

5 If you forget your password, see "Step 1: Clean Up Your Player's Firmware" on page 27.

To create a customized equalizer setting

1 In the main menu, select **System** → **Audio Settings** → **EQ**.
Each slider on the Custom EQ screen represents successively higher frequencies that can be adjusted.

- **80**: controls bass frequency
- **250**: adjusts the low mid-range frequency
- **1k**: adjusts the mid-range frequency
- **4k**: adjusts the upper mid-range frequency
- **13k**: adjusts the treble frequency.

2 Select a slider, and move your thumb up and down the Vertical Touch Pad to boost or reduce the selected frequency range.

3 Select the check mark ✓ to save and enable the Custom EQ settings.

To reset ZEN Vision:M to its original firmware settings

In the main menu, select **System** → **Reset Settings** → **Yes**.

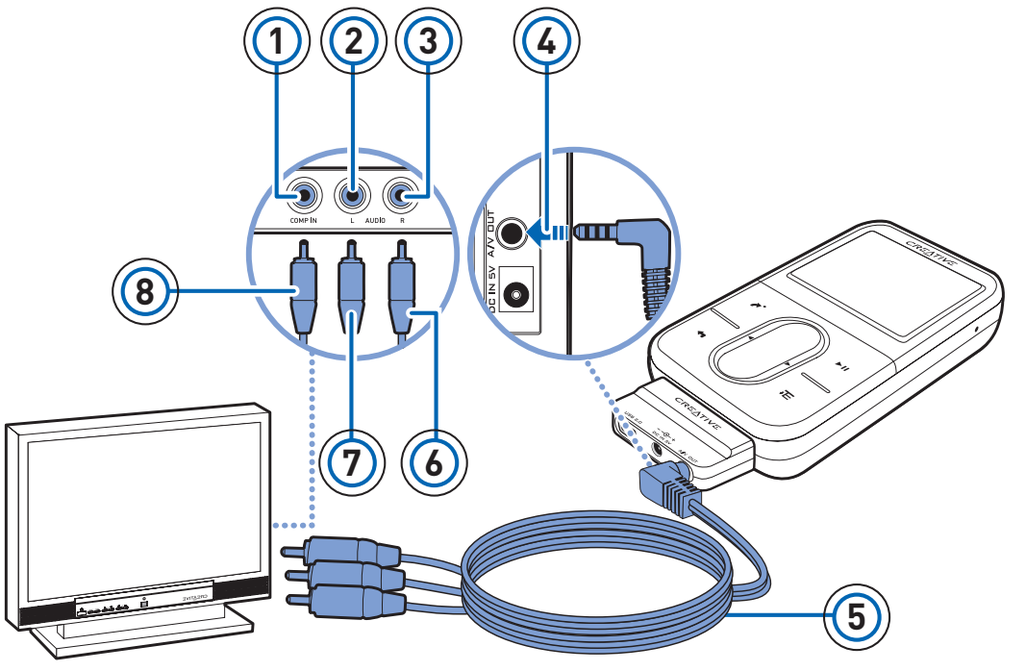
When you reset your player's firmware settings, all your player's personalized settings will be replaced with default settings.

Connecting Your Player to a TV

The ZEN Vision:M Audio Video Cable required for TV connection is available for separate purchase. For information about ZEN Vision:M accessories, visit www.creative.com/shop.

DO NOT use a standard video cable. The USB synchronization adapter works only with the proprietary Creative ZEN Vision:M Audio Video Cable (sold separately).

1. In your player's main menu, select **System** → **Photo/Video Settings** → **Video Out**.
2. Select **Auto (NTSC)** or **Auto (PAL)**. See the User's Guide for your TV if you are not sure about your TV's display format.
3. Connect your player to a TV with the ZEN Vision:M Audio Video Cable (sold separately).



1. Video In jack - Yellow
2. Audio In (Left) jack - White
3. Audio In (Right) jack - Red
4. A/V Out jack
5. ZEN Vision:M Audio Video Cable (sold separately)
6. Red connector
7. White connector
8. Yellow connector

FAQ

This section covers questions you might have while using your player. For further assistance, you may wish to consult our self-help tool "Knowledge Base". Go to **www.creative.com**, select your region and then select **Support**.

Can I transfer Digital Rights Management (DRM) protected WMA files to my player?

Yes. To transfer DRM protected WMA files to ZEN Vision:M, you can use Creative Media Explorer, Creative MediaSource Player/Organizer or Windows Media Player 10.

ZEN Vision:M does not turn on or stops responding. What do I do?

Do one or more of the following:

- Make sure the Power switch is not in the Lock position.
- If you are using the ZEN Vision:M wired remote control (sold separately), make sure the wired remote control's Lock switch is not is the Lock position.
- Your battery may need to be recharged. See "Step 2: Charge Your Player" on page 5.

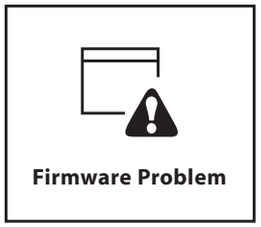
How do I reset ZEN Vision:M?

If your player stops responding, reset the player. This should not cause you to lose any data or audio tracks, unless you were in the middle of transferring an audio track.

Insert and remove a thin object (for example, a straightened paperclip) from the Reset hole.

Information Diagrams

Re-building Library	Use your player only after this library rebuilding is completed.
Hardware Problem	See “Step 1: Clean Up Your Player’s Firmware” on page 27.
Harddisk Problem	See “Step 1: Clean Up Your Player’s Firmware” on page 27.
Please reset player	Your player will be automatically reset for the firmware to take effect. In the rare event that your player does not reset itself, see “How do I reset ZEN Vision:M?” on page 25.



Refer to the following information before contacting Customer Support Services. For more information about Customer Support Services, see your Product Information Guide.

Step 1: Clean Up Your Player's Firmware

1. Do the following to enter Recovery mode:
   i. Slide the Power switch toward the Power icon ⏻ and hold the switch in the Power On position.
   ii. Insert and remove a thin object (for example, a straightened paperclip) from the Reset hole.
   iii. Release the Power switch when the Creative logo appears. The **Recovery Mode** screen appears.
2. Select **Clean Up** → **Reboot**.
3. If this does not work, proceed to "Step 2: Update Your Player's Firmware".

Step 2: Update Your Player's Firmware

1. Download from the Creative website any firmware update that is available for your player.
2. Enter Recovery mode (see step 1 in "Step 1: Clean Up Your Player's Firmware").
3. Select **Reload Firmware** and reinstall your player's firmware.
4. If this does not work, proceed to "Step 3: Format Your Player".

Step 3: Format Your Player

WARNING: This step deletes all your player's content. If possible, back up all your player's content on your computer before proceeding.

1. Enter Recovery mode (see step 1 in "Step 1: Clean Up Your Player's Firmware").
2. Select **Format All** → **Reboot**.

General Specifications

Power Source

Battery: 1 x Rechargeable Lithium Ion battery

DC IN 5V when connected to a power outlet (ZEN Vision:M power adapter sold separately)

USB bus powered when connected to a powered USB port on a computer

Playback Formats

Audio playback formats: MP3: Up to 320 kbps, WMA: Up to 320 kbps, WMA with PlaysForSure Digital Rights Management (DRM) 10 or later, WAV

Video playback formats: MPEG-1, MPEG-2, MPEG-4-SP, Windows Media™ Video (WMV) 9, MJPEG

Picture format: JPEG Baseline: Up to 16 MegaPixels, JPEG Progressive: Up to 4 MegaPixels

MP3 Playback Performance

Signal-to-Noise Ratio: Up to 97 dB

Channel Separation: Up to -70 dB (Line Out)

Frequency Response: 20 Hz ~ 20 kHz

Harmonic Distortion Output: <0.1%

Recording Formats

Voice (via built-in microphone): IMA ADPCM (16 kHz, Mono)

FM Radio: IMA ADPCM (22 kHz, Stereo)

Connectors

Headphone jack: 3.5 mm (1/8") stereo minijack, 25 mW per channel

Docking connector

USB 2.0 (High speed)

USB 1.1 (Full speed)

Firmware Support	Upgradable via USB
FM Radio	Stereo and Mono Up to 32 preset stations
FM region support	International: 87.5 MHz ~ 108.0 MHz, 100 kHz intervals
Earphone Specifications	Frequency Range: 20 Hz ~ 20 KHz Sensitivity: 113 dB ± 5 dB (I/P Level:1 mW) Impedance: 32 Ω± 15% Plug: 3.5 mm (1/8") stereo minijack
LCD	Large 63.50 mm or 2.5" 320 x 240 pixel resolution backlit display (262144 colors) In the process of LCD manufacturing, instances of one or more pixels appearing in a dark or fixed color, or in an unchanging state, may occur. In line with industry standards and based on Creative's screen manufacturer's technical specifications, occurrences of fixed spots may appear and are considered acceptable if they do not impair display quality. If, however, you notice fixed spots on your player's LCD display interfering with your use, contact Customer Support Services.

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